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(FILE 'USPAT' ENTERED AT 15:03:13 ON 14 JAN 1998)

SET PAGE SCROLL

L1 1 S 5631904/PN
L2 871 S TELECONFERENC? OR VIDEOCONFERENC?
L3 773 S TELE(W) CONFERENC? OR VIDEO(W) CONFERENC?
L4 871 S L1 OR L2
L5 1469 S L2 OR L3
L6 6 S L5 AND (DIRECTOR### (P) PERSONAL)

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US PAT NO: 5,590,128 [IMAGE AVAILABLE] L6: 4 of 6
DATE ISSUED: Dec. 31, 1996
TITLE: Dial lists for computer-based conferencing systems
INVENTOR: Michael Maloney, Beaverton, OR
Robert Schlesinger, Hillsboro, OR
ASSIGNEE: Intel Corporation, Santa Clara, CA (U.S. corp.)
APPL-NO: 08/476,450
DATE FILED: Jun. 7, 1995
REL-US-DATA: Continuation of Ser. No. 341,402, Nov. 16, 1994, Pat. No.
5,524,110, which is a continuation-in-part of Ser. No.
340,172, Nov. 15, 1994, which is a continuation-in-part of
Ser. No. 157,694, Nov. 24, 1993, Pat. No. 5,506,954.
INT-CL: [6] H04L 12/18
US-CL-ISSUED: 370/260; 379/202
US-CL-CURRENT: 370/260; 379/202
SEARCH-FLD: 370/62; 395/200.04; 379/158, 202, 204, 205
REF-CITED:

U.S. PATENT DOCUMENTS

| | | | |
|-----------|---------|---------------------|----------|
| 4,475,193 | 10/1984 | Brown | 370/124 |
| 4,796,293 | 1/1989 | Blinken et al. | 379/202 |
| 4,888,795 | 12/1989 | Ando et al. | 379/53 |
| 4,998,243 | 3/1991 | Kao | 370/62 |
| 5,014,267 | 5/1991 | Tompkins et al. | 370/42 |
| 5,056,136 | 10/1991 | Smith | 380/10 |
| 5,072,442 | 12/1991 | Todd | 370/62 |
| 5,073,926 | 12/1991 | Suzuki et al. | 379/53 |
| 5,099,510 | 3/1992 | Blinken, Jr. et al. | 379/202 |
| 5,157,491 | 10/1992 | Kassatly | 358/146 |
| 5,195,086 | 3/1993 | Baumgartner et al. | 370/62 |
| 5,231,492 | 7/1993 | Dangi et al. | 358/143 |
| 5,315,633 | 5/1994 | Champa | 348/16 |
| 5,319,793 | 6/1994 | Hancock et al. | 395/800 |
| 5,333,133 | 7/1994 | Andrews et al. | 370/58.2 |
| 5,335,321 | 8/1994 | Harney et al. | 395/162 |
| 5,367,629 | 11/1994 | Chu et al. | 395/162 |
| 5,374,952 | 12/1994 | Flohr | 348/12 |
| 5,375,068 | 12/1994 | Palmer | 364/514 |
| 5,384,598 | 1/1995 | Rodriguez et al. | 348/384 |
| 5,384,772 | 1/1995 | Marshall | 370/60 |
| 5,392,223 | 2/1995 | Caci | 364/514 |
| 5,475,421 | 12/1995 | Palmer et al. | 348/15 |

FOREIGN PATENT DOCUMENTS

. 0523629 7/1992 European Patent Office H04M 11/00

OTHER PUBLICATIONS

Chen et al., "A Multimedia Desktop Collaboration System," Globecom 92--EEE
Global Telecommunications Conference, vol. 2, 6 Dec. 1992 -9 Dec. 1992.
Orlando (US).
Vin et al., "Multimedia Conference in the Etherphone Environment." Computer,
vol. 24, No. 10, Oct. 1991. Long Beach (US).
Eleftheriadis et al., "Algorithms and Performance Evaluation of the Xphone
Multimedia Communications System." ACM Multimedia 93--Proceedings First ACM
International Conference On Multimedia, 1 Aug. 1993, Anaheim (US).
Zhang et al., "Video Communications on LANS--Multimedia CSCW Applications."
CCECE/CCGEI '91.
Ramanathan et al., "Integrating Virtual Reality, Tele-Conferencing, and

Entertainment into Multimedia Home Computers." IEEE Transactions on Consumer Electronics, vol. 38, No. 2, May 1992.

Nakamura et al., "Personal Multimedia Teleconferencing Terminal." IEEE International Conference On Communications ICC 90-Session 211. vol. 1, 15 Apr. 1990, Atlanta (US).

Maeno et al., "Distrubuted Desktop Conferencing System (Mermaid) Based on Group Communication Architecture." IEICE Transactions, vol. E74, No. 9, Sep. 1991, Tokyo JP.

Tanigawa et al, "Personal Multimedia-Multipoint Teleconference System." IEEE Infocom 91-Conference on Computer Communications-Session 9D, vol. 3, 7 Apr. 1991, Bal Harbour (US).

Computer Conferencing: IBM Scientists Demo Prototype of Affordable Computer Conferencing System, Nov. 2, 1992. Edge, on & about AT&T, V7, n223, p. 22.

ART-UNIT: 263

PRIM-EXMR: Douglas W. Olms

ASST-EXMR: Russell W. Blum

LEGAL-REP: Steve Mendelsohn, William H. Murray

ABSTRACT:

The user of a local computer node (i.e., a caller) selects a remote computer node (i.e., a callee) for a computer conference call from a display containing a directory of possible callees. In one embodiment, the directory is an alphabetical combination of a network list maintained by a network administrator and a personal list for the caller. The user of the caller can access and edit the personal list, but only access the network list. When displayed to the user, the possible callees from the personal list are distinguishable from the possible callees from the network list.

20 Claims, 63 Drawing Figures

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(FILE 'USPAT' ENTERED AT 13:14:04 ON 14 JAN 1998)
L1      1329 S (DIRECTOR### OR LIST#) (P) (QUICK(W)DIAL OR FREQUENT?)
L2      5 S (DIRECTOR### OR LIST#) (P) QUICK(W)DIAL
L3      3785 S (DIRECTOR### OR LIST#) (P) FREQUEN?
L4      14 S L3 AND (TELECONFERENC? OR VIDEOCONFERENC?)
L5      21 S L3 AND (TELE(W)CONFERENC? OR VIDEO(W)CONFERENC?)
L6      32 S L4 OR L5
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